

S/N unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Weiss, et al. Serial No.: unknown  
Filed: concurrent herewith Docket No.: 9124.129US01  
Title: METHOD AND SYSTEM FOR MAPPING AND SEARCHING THE  
INTERNET AND DISPLAYING THE RESULTS IN A VISUAL FORM

---

CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EL815520755US

Date of Deposit: March 22, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

By: 

Name: Brant Miles

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D. C. 20231

Dear Sir:

In connection with the above-identified application filed herewith, please enter the following preliminary amendment:

IN THE CLAIMS

Please renumber original numbered claims 13-21 as 12-20, and cancel original numbered claims 21-25.

12. A method according to claim 7, wherein the presence of an e-store in a Web site is presented as a display-window at the building.
13. A method for visually presenting a set of properties of a Web site, comprising:
  - a) Associating to each of said properties distinguishable graphical representation within a Web site;
  - b) Displaying said graphical representation within a Web site representation.
14. A method according to claim 13, wherein said graphical representation is presented in 2D or 3D.
15. A method according to claim 13, wherein said Web site representation is a building.
16. A method according to claim 13, wherein a group of Web sites is presented as a street and each Web site in said group is presented as a building.
17. A method for finding sub-groups having a common basis in a set of Web sites, comprising:
  - a) Clustering said set of Web sites by determining groups having a common basis by their being related by hyperlink(s) pointing to and from each of said Web sites; and

b) Labeling said determined groups by analyzing their content.

18. A method according to claim 17, wherein said analyzing is carried out by detecting keywords frequently used in a determined group.

19. A system for searching of Web sites in the Internet, comprising:

- a Spider application, for scanning the Web sites of the Internet;  
a Database application, for storing the information collected by said Spider application;
- an Indexing application, for grouping, and/or for labeling and/or for classifying the found Web sites; and  
a Seeker application for searching of Web sites that sustain a search criteria by querying said Database according to said search criteria.

20. A system according to claim 19, further comprising a visual formulating application, for visually formulating each of said Web sites according to said classification and displaying the same to a user.

### REMARKS

The above preliminary amendment is made to correct numerical claim sequence.

Applicant notes that number '12' was omitted in the original numerical claim sequence.


Applicants respectfully request that the preliminary amendment described herein be entered into the record prior to calculation of the filing fee and prior to examination and consideration of the above-identified application.

If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicants' primary attorney-of record, Gregory A. Sebald (Reg. No. 33,280), at (612) 336.4728.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P. O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Dated: March 22, 2001

By   
Gregory A. Sebald  
Reg. No. 33,280

GAS/rw

- 33 -

8. A method according to claim 7, wherein each Web site is presented as a building wherein the width of said building is proportional to the amount of information within said Web site.

9. A method according to claim 7, wherein a commercial Web site is presented as an office-type building.

10. A method according to claim 7, wherein a personal Web site is presented as a house.

11. A method according to claim 7, wherein each Web site is presented as a building wherein a Web site owned by an academy and/or college and/or school is presented as a campus-type building.

[13] 12-- A method according to claim 7, wherein the presence of an e-store in a Web site is presented as a display-window at the building.

[14] 13-- A method for visually presenting a set of properties of a Web site, comprising:

- a) Associating to each of said properties distinguishable graphical representation within a Web site;
- b) Displaying said graphical representation within a Web site representation.

- 34 -

[15] A method according to claim [14] wherein said graphical representation is presented in 2D or 3D.

[16] A method according to claim [14] wherein said Web site representation is a building.

[17] A method according to claim [14] wherein a group of Web sites is presented as a street and each Web site in said group is presented as a building.

[18] A method for finding sub-groups having a common basis in a set of Web sites, comprising:

- a) Clustering said set of Web sites by determining groups having a common basis by their being related by hyperlink(s) pointing to and from each of said Web sites; and
- b) Labeling said determined groups by analyzing their content.

[19] A method according to claim [18] wherein said analyzing is carried out by detecting keywords frequently used in a determined group.

[20] A system for searching of Web sites in the Internet, comprising:  
- a Spider application, for scanning the Web sites of the Internet;

- 35 -

- a Database application, for storing the information collected by said Spider application;
- an Indexing application, for grouping, and/or for labeling and/or for classifying the found Web sites; and
- a Seeker application, for searching of Web sites that sustain a search criteria by querying said Database according to said search criteria.

[21] A system according to claim [20] further comprising a visual  
formulating application, for visually formulating each of said Web sites  
according to said classification and displaying the same to a user.

[22] A method for carrying out a search of Web sites, substantially as  
described and illustrated.

23. A method for visually presenting a set of properties of a Web site,  
substantially as described and illustrated.

24. A method for finding sub-groups having a common basis in a set of  
Web sites, substantially as described and illustrated.

25. A system for indexing the Web and carrying out a search of Web  
sites, substantially as described and illustrated.